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| <i>Application Number</i> | 10/516,583 |
| <i>Filing Date</i> | March 24, 2005 |
| <i>First Named Inventor</i> | Charles Eugene Stroud |
| <i>Art Unit</i> | 2863 |
| <i>Examiner Name</i> | Demetrius R. Pretlow |
| <i>Attorney Docket Number</i> | 46872-308797 |

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Sheet 1 of 1 3 APR 13 200

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Dennis C. Smith

Date Considered

6/4/27

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Sheet 2 of 3

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|---------------------|-----------------------|---|----------------|
| DP | 9. | ABRAMOVICI, M. et al., "Self-Test for FPGAs and CPLDs Requires No Overhead," Electronic Design, 1997, pp.121-128. | |
| | 10. | ABRAMOVICI, M. et al., "Using Roving STARS for On-Line Testing and Diagnosis of FPGAs for Fault Tolerant Applications," Proc. IEEE International Test Conf., 1999, pp.973-982. | |
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| | 12. | ABRAMOVICI, M. et al., "Improving BIST-Based Diagnosis for Roving STARS," Proc. IEEE International On-Line Testing Symp., 2000, pp.31-39. | |
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| | 15. | ABRAMOVICI, M. and C. STROUD, "BIST-Based Delay Fault Testing in FPGAs," Proc. IEEE International On-Line Testing Symp., 2002, pp.131-134. | |
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| | 17. | ABRAMOVICI, M. and C. STROUD, "BIST-Based Delay Fault Testing in Field Programmable Gate Arrays," J. Electronic Testing: Theory & Applications, 2003, 19(5):549-558. | |
| | 18. | ABRAMOVICI, M. et al., "On-Line Built-In Self Test and Diagnosis of FPGA Logic Resources," IEEE Trans. On VLSI Systems, 2004, 12(12):1284-1294. | |
| | 19. | CHEMLAR, E., "FPGA Interconnect Delay Fault Testing," Proc. Int'l Test Conf., 2003, pp.1239-1247. | |
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| Examiner Signature | <i>Demetrius R. Pretlow</i> | Date Considered | 6/4/07 |
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| | 23. | STROUD, C. et al., "Built-in Self-Test of Logic Blocks in FPGAs," Proc. IEEE VLSI Test Symp., 1996, pp.387-392. | |
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| | 26. | STROUD, C. et al., "Using ILA Testing for BIST in FPGAs," Proc. IEEE International Test Conf., 1996, pp.68-75. | |
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| DP | 31. | SMITH, J. et al., "An Automated BIST Architecture for Testing and Diagnosing FPGA Interconnect Faults," J. Electronic Testing: Theory & Applications, 2008, 22(4):239-253. | |

Examiner
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Demetrius R. Pretlow

Date
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6/4/07

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